

**ABSTRACT OF THE DISCLOSURE**

A method, device, and system for automatic fail over of system controllers. A system controller includes a processor, a memory, and a plurality of I/O controllers. Each I/O controller is configurable with a plurality of I/O connections to another system controller. Each of the plurality of I/O controllers is further configurable with an I/O connection to each of one or more monitored devices. The method includes booting a plurality of system controllers configured as a primary system controller and at least one secondary system controller and booting one or more domains in the computer system from the primary system controller. The method also includes updating a system configuration on the primary system controller and updating the system configuration on the secondary system controller from the primary system controller.